Docket No.: 12810-00136-US

Confirmation No.: 6201

Examiner: Elizabeth F. McElwain

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Petra Cirpus et al.

Application No.: 10/552,127

5, 2005 Art Unit: 1638

Filed: October 5, 2005 Art Unit: 1

For: Δ-4 DESATURASES FROM EUGLENA

GRACILIS, EXPRESSING PLANTS, AND

OILS CONTAINING PUFA

AMENDMENT AND REPLY UNDER 37 CFR §1.111

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated April 7, 2008, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.